

What is claimed is:

1. A chemical composition, comprising gabapentin tannate.
2. The chemical composition of claim 1 wherein a tannic acid component of said chemical composition is of either natural or synthetic origin.
3. A chemical compound, consisting essentially of gabapentin tannate.
4. The chemical compound of claim 1 wherein a tannic acid component of said chemical compound is of either natural or synthetic origin.
5. A method of synthesizing a chemical compound, comprising preparing gabapentin tannate wherein a tannic acid component thereof is of either natural or synthetic origin.
6. A process for preparing gabapentin tannate, comprising:
mixing gabapentin and tannic acid to obtain gabapentin tannate wherein the tannic acid component is of either natural or synthetic origin.
7. The process of claim 6, wherein said mixing step includes adding said gabapentin to a solvent and then adding said tannic acid to said gabapentin and said solvent.
8. The process of claim 6, wherein said mixing step includes adding said tannic acid to a solvent and then adding said gabapentin to said tannic acid

and said solvent.

9. The process of claim 6, wherein said mixing step includes mixing gabapentin and tannic acid powders together and then adding a solvent.

10. The process of claim 6, wherein said mixing step includes adding said gabapentin to a solvent to create a first reaction mixture, adding said tannic acid to a solvent to create a second reaction mixture and mixing together said first and second reaction mixtures.

11. The process of claim 6, including mixing said gabapentin and said tannic acid together while maintaining a temperature of between about 15 to about 150 degrees C.

12. The process of claim 6, including using a weight ratio of said tannic acid to said gabapentin of between about 0.1:1 to about 10:1.

13. The process of claim 6, wherein said mixing is performed while maintaining a pH of between about 2 to about 11.

14. The process of claim 6, further including providing sufficient tannic acid for mixing to have said tannic acid comprise between about 0.05 to about 40.0% by weight of a resulting reaction mixture.

15. The process of claim 6, further including:
maintaining a pH of between about 2 and about 11; and

providing said tannic acid to said gabapentin at a weight ratio of between about 0.1 to 1 to about 10 to 1 so that said tannic acid is present at about 0.05 to about 40.0% by weight.

16. The process of claim 6, further including isolating and purifying gabapentin tannate.

17. The process of claim 16, including performing said isolating and purifying step by a procedure selected from a group consisting of filtering, drying, centrifuging and lyophilizing.

18. A process for preparing gabapentin tannate comprising:
mixing gabapentin and tannic acid together in the presence of a solvent wherein the tannic acid is of either natural or synthetic origin.

19. The process of claim 18, including selecting said solvent from a group consisting of purified water, ethanol, glycerin, propylene glycol, diethylether, methylene chloride, acetone, isopropyl alcohol and mixtures thereof.

20. The process of claim 19, further including isolating and purifying gabapentin tannate.

21. The process of claim 20, including performing said isolating and purifying step by a procedure selected from a group consisting of filtering, drying, centrifuging and lyophilizing.